Please type a plus sign (A) hside this box -> [+

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 09/834,307

Filing Date April 12, 2001

First Named Inventor Richard J. WHITBOURNE et al.

Group Art Unit 1615

Examiner Name Micah Paul Young

Date

			_ = xami	iner Name		Mican Paul Young					
Total Number of Pages in	n This Submission	14	Attorn	ney Docket Nun	mber	32286-192724					
ENCLOSURES (check all that apply)											
Fee Transmittal Fo	orm	Assignment Papers (for an Application)				After Allowance Communication to Group					
Fee (charge \$75 to	☐ Drawing(s)				Appeal Communication to Board of Appeals and Interferences						
Supplemental Ame	Licensing-related Papers				Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)						
After Final		Petition				Proprietary Information					
Affidavits/declaration(s)		Petition to Convert to a Provisional Application				Status Letter					
Extension of Time F	Power of Attorney, Revocation Change of Correspondence Address				Other Enclosure(s) (please identify below):						
Express Abandonment Request		☐ Terminal Disclaimer ☐ Request for Refund									
☐ Information Disclosure Statement		CD, Number of CD(s)									
Certified Copy of Priority Document(s)		Remarks									
Response to Missing Parts/ Incomplete Application				-							
Response to Missing Parts Under 37 CFR 1.52 or 1.53											
	SIGNAT	URE OF A	APPLICA	ANT, ATTORNE	EY, OR	RAGENT					
Firm Michael A. Gollin											
<i>or</i> Individual name	or Dear No					26694					
					PATENT TRADEMARK OFFICE						
Signature	Mall										
Date	July 20, 2005										
CERTIFICATE OF MAILING											
						Service as first class mail in an envelope					
addressed to: Commiss	sioner for Patents, P	. O. Box 14	50, Alexa	andria, VA 22313-	-1450b	on this date:					
Typed or printed name											

Signature



Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Party ork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005 Effective 1071/2004. Petent fees are subject to annual revision. Effective 1071/2004. Petent fees are subject to annual revision. Applicant claims small entity status. See 37 CF1 .27 TOTAL AMOUNT OF PAYMENT (3) 75.00 METHOD OF PAYMENT (check all that apply) Check Credit Money Other None Check Credit Money Other None Check Credit Money Other	EEE TOANGLUTTAL				Complete if Known						
Filing Date April 12, 2001 First Name of Investor Michael Paul Young Art Unit 1615 METHOD OF PAYMENT (cinex) all that apply) FEE CALCULATION (continued) METHOD OF PAYMENT (cinex) all that apply) FEE CALCULATION (continued) METHOD OF PAYMENT (cinex) all that apply) FEE CALCULATION (continued) METHOD OF PAYMENT (cinex) all that apply) FEE CALCULATION (continued) METHOD OF PAYMENT (cinex) all that apply) FEE CALCULATION (continued) METHOD OF PAYMENT (cinex) all that apply) The Director is authorized to: (cinex) all that apply) METHOD OF PAYMENT (cinex) all that apply) The Director is authorized to: (cinex) all that apply) METHOD OF PAYMENT (cinex) all that apply) The Director is authorized to: (cinex) all that apply) The Director is authorized to: (cinex) all that apply) The Director is authorized to: (cinex) all that apply) The Director is authorized to: (cinex) all that apply) The Director is authorized to: (cinex) all that apply) The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is authorized to: (cinex) all that apply The Director is auth										· -	
Effective 1001/2004, Patter fees are subject to annual revision. X Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (8) 75.00 Attorney Docket No. 32286-192724											
Applicant claims small entity status. See 37 CFR 1.27 Art Unit 1615											
TOTAL AMOUNT OF PAYMENT (s) 75.00 Attorney Docket No. 32286-192724 METHOD OF PAYMENT (check all final apply) Check Credi	Effective 1				M						
Cneck	X Applicant claims small entity status. See 37 CFR 1.27				Art Unit			1615			
Ceneck Codd Order Other None Codd Order Other Other Codd Order Other Other Codd Order Other	TOTAL AMOU	JNT OF PAYMENT (\$) 75.00	T						724		
Ceneck Codd Order Other None Codd Order Other Ot	METHO	D OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (co	ntinued)		
Care Part	Check		3. A	DDITI	ONAL			,			
Depocial Number Code Cod	Y Denosit Ac										
Account Number Venable LLP 1052 50 2052 25 5 5 5 5 5 5 5 5		COUNT.	Large	Entity	Small	Entity					
	Account	22-0261						Fee Desc	ription	Eoo Baid	
Verificitie LLP 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.	Deposit	V 11 11 D		• •			Surcharge -	_ late filing fe	e or nath	ree Faid	
The Director is authorized to: (check all that apply)								•		\vdash	
Charge any additional fee(s) or any underpayment of fee(s) 1812 2,520 1812 2,520 Fer filing a request for ex parte reexamination 1804 920° 1804 920° 1804 920° 1805 1,840° 1805 1	The Director is a	uthorized to: (check all that apply)	1052	50	2052	25		iato proviote	mai ming too or cover		
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	nglish specification			
Substotal Claims	X Charge any a	additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a re	g a request for ex parte reexamination			
1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			1804	920*	1804	920*					
1. BASIC FILING FEE			1805	1.840*	1805	1 840*	Requesting	publication of	of SIR after		
1. BASIC FILING FEE Large Entity Small Entity		FFF OALOUE ATION		ŕ					_		
Large Entity Small Entity Fee	1 BASIC EILI							· · ·			
Fee							_			-	
1001 790 2001 395 Utility filing fee 1401 340 2401 170 Notice of Appeal 1402 340 2402 170 Filing a brief in support of an appeal 1401 340 2401 170 Notice of Appeal 1402 340 2402 170 Filing a brief in support of an appeal 1403 300 2403 150 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 1,510 1451 1,510 Petition to institute a public use proceeding 1453 1,370 2453 685 Petition to institute a public use proceeding 1453 1,370 2453 685 Petition to revive – unavoidable 1453 1,370 2453 1,370 2453 1,	Fee Fee Fe	e Fee <u>Fee Description</u> Fee Paid						- •			
1002 350 2002 175 Design filling fee 1401 340 2401 170 Notice of Appeal 1402 340 2402 170 Filling a brief in support of an appeal 1403 300 2403 150 Request for oral hearing 1403 300 2403 150 Request for oral hearing 1403 300 2403 150 Request for oral hearing 1405 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 14											
1003 550 2003 275 Plant filing fee 1402 340 2402 170 Filing a brief in support of an appeal 1403 300 2403 150 Request for oral hearing 1451 1,510 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,370 2453 685 Petition to revive - unavoidable 1453 1453 1,370 2453 685 Petition to revive - unavoidable 1453 1453 1,370 2453 685 Petition to revive - unavoidable 1453		/ * * · · · · · · · · · · · · · · · · ·						• •	tith month		
1004 790 2004 395 Reissue filing fee 1403 300 2403 150 Request for oral hearing 1451 1,510 1451 1,							•	•	f an anneal		
SUBTOTAL (1) (\$) 0.00 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive – unavoidable 1453 1,370 2453 685 Petition to revive – unavoidable 1504							-	· · · · · · · · · · · · · · · · · · ·			
SUBTOTAL (1) (\$) 0.00 1452 110 2452 55 Petition to revive — unavoidable 1453 1,370 2453 685 Petition to revive — unavoidable 1453 1,370 2453 685 Petition to revive — unavoidable 1453 1,370 2453 685 Petition to revive — unintentional	1005 160 20	· —						_	lic use proceeding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from Claims	'							The state of the s			
Substitute State		SUBTUTAL (1) (\$) 0.00	1453	1,370	2453	685	Petition to r	to revive - unintentional			
Total Claims	2. EXTRA CLA		1501	1,370	2501	685	Utility issue	fee (or reissu	ie)		
Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Code (\$) Code (\$) C			1502	490	2502	245	Design issu	e fee			
Claims Multiple Dependent Large Entity Fee Fee Code (\$)		-** = 3 x 25 = 75	1503	660	2503	330	Plant issue	fee			
Large Entity Small Entity Fee Fee Fee Gode (\$\$) Fee Description 8021 40 8021 40 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1806 180 1806 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 790 2810 395 For each additional invention to be examined (37 CFR 1.129(b)) 1801 790 2801 395 Request for Continued Examination (RCE) 1802 900 1802 90		-** =	1460	130	1460	130	Petitions to	the Commiss	sioner		
Fee Fee Code (\$) Fee Description 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claim, if not paid 1204 88 2204 44 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 75 ***or number previously paid, if greater; For Reissues, see above **Bee Description 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37 CFR 1.129(b)) 1801 790 2801 395 Request for Continued Examination (RCE) Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) ***Or number previously paid, if greater; For Reissues, see above	Multiple Dependent = =			50	1807	50	Processing	sing fee under 37 CFR 1.17(q)			
Code (\$) Code (\$) Fee Description			1806	180	1806	180	Submission	of Informatio	n Disclosure Stmt		
1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claims over original patent 1204 88 2204 44 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 75 **or number previously paid, if greater, For Reissues, see above 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37 CFR 1.129(b)) 1802 900 1802 900 1802 900 Request for continued Examination (RCE) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)		FAA DASCRINTION	8021	40	8021						
1203 300 2203 150 Multiple dependent claims, if not paid 1204 88 2204 44 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 75 ***or number previously paid, if greater, For Reissues, see above 1810 790 2810 395 For each additional invention to be examined (37CFR 1.129(b)) 1810 790 2801 395 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)		18 2202 9 Claims in excess of 20		790	2809	305	Filing a sub	submission after final rejection			
1204 88 2204 44 ** Reissue independent claims over original patent over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 1802 900 1802 900 Request for expedited examination of a design application 1205 1802 900 180				790	2810	305	For each ad	h additional invention to be			
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 75 **or number previously paid, if greater; For Reissues, see above		,,,,,						ed (37CFR 1.129(b))			
The state of a design application of a design applicat		over original patent				900	Request for				
SUBTOTAL (2) (\$) 75 **or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				of a design application							
**or number previously paid, if greater, For Reissues, see above	ı										
	**or number previ	SUBTOTAL (3) (\$)									
SUBMITTED BY (Complete (if applicable))	SUBMITTED BY						(Complete	(if applicable))			
Name (Print/Type) Michael A. Gollin Registration No. (Attorney/Agent) 31,957 Telephone (202) 344-4000	Name (Print/Type)	Michael A. Gollin				31,9	957				
Signature Date July 20, 2005				, <u></u>					`		



Supplemental Amendment Under 37 C.F.R §1.121 and §1.111 Expedited Procedure – Art Unit: 1615

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/834,307

Applicant : Richard J. Whitbourne et al.

Filed : April 12, 2001

Art Unit : 1615

Examiner : Micah Paul Young

Confirmation No. : 3036

Docket No. : 32286-192724

Customer No. : 26694

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT

In addition to the Amendment and Reply filed on July 1, 2005, Applicants submit the following Supplemental Amendment. The Application is amended as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of the claims which begins on page 3.

Remarks begin on page 11.

07/21/2005 SZEWDIE1 00000087 220261 09834307

01 FC:2202

75.00 DA